

Time-table

22 July

Morning Session 09:50 – 13:30

Chairman: *Anton Godizov* (NRC “Kurchatov Institute” - IHEP)

Vladimir Petrov (NRC “Kurchatov Institute” - IHEP, Protvino) **OFFLINE** 09:50 - 10:00

Introductory greeting

Mikhail Ryskin (NRC “Kurchatov Institute” - PNPI, St. Petersburg) **ONLINE** 10:00 - 10:40

Modern status of diffractive studies

Emerson Luna (Federal University of Rio Grande do Sul, Porto Alegre) **ONLINE** 10:45 - 11:25

Unitarity effects in high-energy elastic scattering

Coffee break 11:30-12:00

Chairman: *Anton Godizov* (NRC “Kurchatov Institute” - IHEP)

Akira Watanabe (National Institute of Technology, Oshima College) **ONLINE** 12:00-12:40

Elastic proton-proton and pion-proton scattering in holographic QCD

Oueslati Rami (Université de Liege) **ONLINE** 12:45-13:25

Pomeron weights in QCD processes at high energy and the S-Matrix unitarity constraint

Lunch 13:30-15:00

Afternoon Session 15:00-18:45

Chairman: *Roman Ryutin* (NRC “Kurchatov Institute” - IHEP)

Sergei Troshin (NRC “Kurchatov Institute” - IHEP, Protvino) **OFFLINE** 15:00-15:40

Multiplicity distribution and the reflective scattering

Vladimir Vechernin (St. Petersburg State University) **ONLINE** 15:45-16:25

Enhancement of the coalescence coefficient in diffraction processes

Coffee break 16:25-16:45

Chairman: *Roman Ryutin* (NRC “Kurchatov Institute” - IHEP)

Vladimir Kovalenko (St. Petersburg State University) **OFFLINE** 16:45-17:25

Multiplicity distributions and modified combinants in the multipomeron model of pp Interaction at High Energies

GENERAL DISCUSSION

17:30-18:30

Discussion leader: *Vladimir Petrov* (NRC “Kurchatov Institute” - IHEP)

23 July

Morning Session 10:00-13:30

Chairman: *Anatoli Samokhin* (NRC “Kurchatov Institute” - IHEP)

Eugeny Kryshen (NRC “Kurchatov Institute” - PNPI,
St. Petersburg & JINR, Dubna) **ONLINE**

10:00-10:40

Ultra peripheral collisions at ALICE

Oleg Selyugin (JINR, Dubna) **OFFLINE**

10:45-11:25

Unified description of elastic hadron scattering at low and high energies

Coffee break 11:30-12:00

Chairman: *Anatoli Samokhin* (NRC “Kurchatov Institute” - IHEP)

Haimon Trebien (Universidade Federal de Santa Catarina, Florianópolis) **ONLINE**

12:00-12:40

*Coherent photoproduction of light vector mesons off nuclear targets
in the dipole picture*

SangHo Kim (Soongsil University, Seoul) **ONLINE**

12:45-13:25

J/Ψ -meson photoproduction off the nucleon in a dynamical model

Lunch 13:30 -15:00

Afternoon Session 15:00-18:45

Chairman: *Maxim Evdokimov* (NRC “Kurchatov Institute” - IHEP)

Yajin Zhou (Institute of High Energy Physics, IHEP-UCAS, Beijing) **ONLINE**

15:00-15:40

*Azimuthal modulation in diffractive vector meson/di-jet production
in ultra-peripheral collisions*

Rabia Hameed (Institute of High Energy Physics, IHEP-UCAS, Beijing) **ONLINE**

15:45-16:25

Single and double diffractive production of dilepton and photon at LHC

Coffee break 16:30-17:00

Chairman: *Maxim Evdokimov* (NRC “Kurchatov Institute” - IHEP)

Rauf Jafarov (Baku State University) **ONLINE**

17:00-17:40

Higgs bosons production and scattering processes beyond the perturbation theory

Jing Xu Wu (Moscow State University) **ONLINE**

17:45-18:25

*Chiral symmetry, Conformal breaking, and transport coefficients
in the two-flavour PNJL theory.*

GENERAL DISCUSSION

18.30 -19:30

Discussion leader: *Vladimir Petrov* (NRC “Kurchatov Institute” - IHEP)

24 July

Morning Session 10:00-13:30

Chairman: *Alexander Kisselev* (NRC “Kurchatov Institute” - IHEP)

Viktor Kim (NRC “Kurchatov Institute” - PNPI, St. Petersburg) **OFFLINE** 10:00-10:40

Regge trajectories in QCD

Lucas Moriggi (UNICENTRO, Brazil) **ONLINE** 10:45-11:25

Precise determination of pomeron intercept via scaling entropy analysis

Coffee break 11:30-12:00

Chairman: *Alexander Kisselev* (NRC “Kurchatov Institute” - IHEP)

Roman Ryutin (NRC “Kurchatov Institute” - IHEP, Protvino) **OFFLINE** 12:00-12:40

Covariant reggeization framework for diffraction

Vitaly Okorokov (National Research Nuclear University MEPhI, Russia) **ONLINE** 12:45-13:25

Energy dependence of cross sections in proton-proton and antiproton-proton collisions

Lunch 13:30-15:00

Afternoon Session 15:00-18:45

Chairman: *Anton Godizov* (NRC “Kurchatov Institute” - IHEP)

Yuri Khokhlov (NRC “Kurchatov Institute” - IHEP, Protvino) **OFFLINE** 15:00-15:40

Recent experimental results on charge exchange reactions with VES setup

Dmitri Sosnov (NRC “Kurchatov Institute” - PNPI, St. Petersburg) **OFFLINE** 15:40-16:20

Pomeron- and photon- exchange contributions in proton-nuclear collisions with large rapidity gaps at the LHC energies

Érison Rocha (University of Rio Grande do Sul, Porto Alegre) **ONLINE** 16:20-17:00

Light vector meson photoproduction in ultraperipheral heavy ion collisions at the LHC within the Reggeometric Pomeron approach

Coffee break 17:00-17:20

Vladimir Petrov (NRC “Kurchatov Institute” - IHEP, Protvino) **OFFLINE** 17:20-18:00

On sizes of hadrons

GENERAL DISCUSSION & SUMMARY

18:00-19:00

Discussion leader: *Viktor Kim* (INP NRC KI, St. Petersburg)

Farewell drink 19:00-21:00